

ABSTRACT

A novel airplane shelter provides a plurality of arched vertical support members arranged axially along a line corresponding to the fuselage of an airplane to be sheltered. A cantilever beam is attached to the apex of each arched vertical support member, forming a “spine” along the top of the aligned arched support members. The cantilever beam is attached at one end to the rearwardmost arched support member, and the opposite end extends forwardly past the forwardmost arched support member to a point corresponding to the forwardmost point of an airplane to be sheltered. Separate lateral support members are placed at points corresponding to the wingtips of the airplane. The result is an open frame that defines a volume capable of enclosing an airplane. A covering material is placed over the open frame and stretched taut or otherwise secured over the entire structure.